

DEPARTMENT OF TOXIC SUBSTANCES CONTROL
WEEKLY PROJECT UPDATE
ZENECA/FORMER STAUFFER CHEMICAL SITE
Richmond, California
Activities for January 24 through 28, 2005

Site Activities

- DTSC personnel were present at the site Monday through Friday. DTSC staff continues to observe the loading and decontamination of trucks off-hauling the marsh sediments from the Upland stockpile area and from the Upper Lagoon in the Habitat Restoration Area (wetlands area), and monitor site conditions (including air monitoring) in the Upland area.
- Off-hauling of excavated sediments from the Upper Lagoon occurred on January 24. Approximately 100 tons of hazardous waste sediments were transported to Kettleman Hills Landfill for proper solidification and disposal. This completes the removal of sediments from the Upper Lagoon.
- This week, approximately 8,400 cubic yards of sediments excavated from the marsh area has been transferred to the Upland stockpile area for solidification with lime. On-site DTSC staff required the early shut-down (approximately 3:30 PM) of the application of lime to the sediments on January 25 due to increasing winds and wet weather conditions. Lime application was temporarily halted on January 26 at 12:00 PM until wind speeds dropped to acceptable speeds. Lime application was also halted on January 28 at approximately 12:30 PM for the remainder of the day due to excessive winds.
- This week, approximately 11,900 tons of non-hazardous marsh sediments were off-hauled to Altamont Landfill and Keller Canyon Landfill for proper disposal.

Air Monitoring

Correction to January 17 – 21, 2005 Weekly Update: Analysis of PCBs and additional pesticides will begin with samples collected on January 22, 2005, instead of the week of January 10 as stated in last week's project update. Sample results are anticipated to be posted the beginning of February 2005, instead of the week of January 24th. Analysis for formaldehyde and carbon disulfide will begin with samples collected on January 26, 2005. The delay was caused by the need to obtain additional air monitoring equipment.

Results of the range of real-time air monitoring for January 21 - 27 conducted by both CSV and DTSC are as follows:

- Hydrogen Sulfide Monitoring Results
Action level – 0.03 parts per million (ppm)

CSV Measurement: 0.000 – 0.008 ppm

DTSC Measurement: 0.000 ppm (all readings)

DTSC's meter could not be calibrated on January 26, 2005. The meter was taken out of service and returned to the vendor.

- Volatile Organic Compounds Monitoring Results

Action Level – 1 ppm

CSV Measurement: 0.0 – 4.3

The 4.3 ppm reading was observed on January 27 at approximately 10:00 AM near the parking area along Meade Street. Readings up to 2.6 ppm were also detected in upwind locations and no specific cause for the elevated readings could be identified. Readings collected after 1:00 pm were all 0.0 ppm.

DTSC Measurement: 0.0 – 4 ppm

The 4 ppm reading was observed on January 27 near the Upland sediment stockpiling area. DTSC requested that all trailers be tarped while waiting to be decontaminated rather than after decontamination. Subsequent readings at the site were all 0.0 ppm.

- Total Dust Monitoring Results

0.5 milligrams per cubic meter (mg/m³) [5 minute average] = stop work

CSV Measurement: 0.000 – 0.250 mg/m³

The 0.250 mg/m³ reading was observed on January 21 at 8:18 am near the air monitoring station located at the end of 50th Street. The Station 3 dust monitor readings were believed to be faulty at the time because when an alternate PDR was used in the direct vicinity of station 3 those readings were readings were 26 to 62 micrograms per cubic meter lower. In addition, when the station 3 dust monitor was inspected spider webbing was found inside the instrument sampling chamber.

DTSC Measurement: 0.021 – 11.23 mg/m³. *The reading of 11.23 mg/m³ was obtained on January 24 at approximately 8:30 AM when stockpiled unused lime was being loaded for removal from the site. This method of lime removal was stopped and a vacuum truck that is equipped with filters was used on Friday, January 28 to remove the lime.*

Correspondence

- No new correspondence was prepared this week.

Public Participation

- On January 25, 2005, DTSC distributed an information fact sheet to approximately 4000 individuals by U.S. and electronic mail to the surrounding Zeneca/former Stauffer Chemical Company community. Enclosed with the fact sheet was a community survey to be returned to

DTSC by February 18, 2005. The community survey will assist DTSC in gathering information from the community to determine the appropriate community outreach for the Zeneca Site.

- On January 27, 2005, DTSC distributed approximately 200 fact sheets and community surveys to the University of California Richmond Field Station to distribute to individuals working at the site. Two community members were also each provided with 100 fact sheets at their request to provide to the local community.
- DTSC coordinated with Assemblywoman Loni Hancock's office regarding a community member's request for a Zeneca Community Advisory Group (CAG). DTSC also coordinated questions regarding public participation and the distribution of DTSC fact sheets and community survey.
- On January 27, Public Participation staff met with a Richmond City community member to discuss the formation of a CAG at the individual's request. DTSC provided general information on a CAG and the requirements necessary to request a CAG. A petition signed by 50 individuals and submitted to DTSC is the first step in requesting a CAG be formed at any site with DTSC regulatory oversight.